

PART B- FEE(S) TRANSMITTAL

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020457 7590 08/25/2006

**ANTONELLI, TERRY STOUT & KRAUS, LLP**  
**1300 NORTH SEVENTEENTH STREET**  
**SUITE 1800**  
**ARLINGTON, VA 22209-3873**

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope Addressed to the Mail Stop ISSUE FEE address above, or being facsimile Transmitted to the USPTO (571) 273-2885, on the date indicated below.

**Ricardo E. Perez (Depositor's name)**  
*Ricardo Perez* (Signature)  
11/02/2006 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/091,454	03/07/2002	Lin-Ying Hu	612.41242X00	1395

**TITLE OF INVENTION:** METHOD FOR GRADUALLY DEFORMING AN INITIAL OBJECT DISTRIBUTION IN A HETEROGENEOUS MEDIUM, GENERATED BY SIMULATION OF AN OBJECT TYPE STOCHASTIC MODEL, TO BEST ADAPT IT TO IMPOSED PHYSICAL CONSTRAINTS

APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE (\$). DUE	DATE DUE
Nonprovisional	NO	\$1400	\$300	\$1700	11/27/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
ALAVI, AMIR	2624	382-109000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ agents OR, alternatively,  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of Customer Number is required.

2. For printing on the patent front page, list

11/03/2006 TBLSKAHE 03303384 10391454  
(1) the names of up to 3 registered patent attorneys 1 ANTONELLI, TERRY, STOUT AND KRAUS, LLP. 1400.00 DP  
Or agents OR, alternatively, 11/03/2006  
(2) the name of single firm (having 1524 323.00 DP  
member a registered attorney or agent) 12.00 DP  
and the names of up to 2 registered patent attorneys or agents. If no name is listed no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

**INSTITUT FRANCAIS DU PETROLE**

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**92852 RUEIL MALMAISON CEDEX, FRANCE**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order- # of Copies 4

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- ☐ A check in the amount of the fee(s) is enclosed.  
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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 01-2135 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid Issue fee to the application identified above.  
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

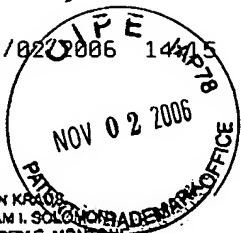
Authorized Signature *Donald E. Stout*

Date: **NOVEMBER 2, 2006**

Typed or printed name **Donald E. Stout**

Registration No. **26,422**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.  
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MELVIN KRAUS  
WILLIAM I. SOLCHOWSKI  
GREGORY E. MONTONE  
RONALD J. SHORE  
DONALD E. STOUT  
ALAN E. SCHIAVELLI  
PAUL J. SKWIERAWSKI  
ALFRED A. STADNICKI

DONALD R. ANTONELLI (1935-2005)

\*ADMITTED OTHER THAN VA

LAW OFFICES  
**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

SUITE 1800  
1300 NORTH SEVENTEENTH STREET  
ARLINGTON, VIRGINIA 22209

TELEPHONE (703) 312-6600

FACSIMILE (703) 312-6666

email@antonelli.com

OF COUNSEL  
DAVID T. TERRY  
JESSICA H. BUI  
LEONID D. THENOR

PATENT AGENT  
LARRY N. ANAGNOS

**FACSIMILE TRANSMITTAL SHEET**  
**NOVEMBER 2, 2006**

**TO:** Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RE:** U.S. Patent Application No. **10/091,454**  
For: METHOD FOR GRADUALLY DEFORMING AN INITIAL OBJECT DISTRIBUTION IN A  
HETEROGENEOUS MEDIUM, GENERATED BY SIMULATION OF AN OBJECT TYPE  
STOCHASTIC MODEL, TO BEST ADAPT IT TO IMPOSED PHYSICAL CONSTRAINTS  
Filing Date: 03/07/2002  
Atty. Docket No. **612.41242X00**

From: Donald E. Stout

Fax Number: (571) 273-2885

Total Number of Pages: **3**

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Credit Card Payment Form -- 1 Page

I hereby certify that on NOVEMBER 2, 2006, the above-identified documents are being  
facsimile transmitted to the United States Patent and Trademark Office.

Ricardo E. Perez

Name (Print)

*Ricardo Perez*  
Signature